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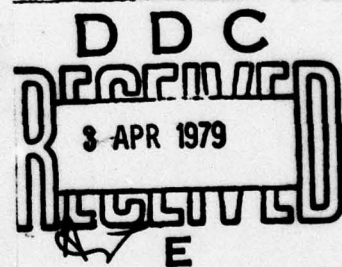
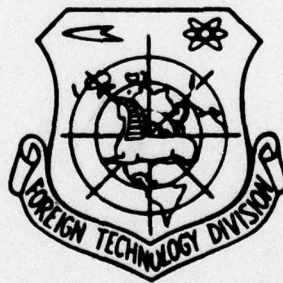
## FOREIGN TECHNOLOGY DIVISION



INTERBIURO 76—THE FOREIGN EXPOSITION

by

W. Klepacz



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## Interbiuro 76 - The Foreign Exposition

by Wladyslaw Klepacz

The largest and at the same time the broadest range exposition in the foreign group was shown by the German Democratic Republic. The main object of this exposition was the R4201 computer ( already shown in the spring Leipzig Trade Fair) with an accent of its full compatibility with the JSEMC ( Unified Standard Electronic Digital Machines) computers.

The main exposition was complemented by some other products, partially known here from the practical exploitation, for example, the system for data preparation daro 1600, automatic filing services, daro 1720 and daro 1750 ( with magnetic media), matrix printer daro 1154, the most popular automatic filing device, daro 170 MD ( with a dividing system developed with the cooperation with USSR), and the large array of continually improved machines of small and medium automation. The GDR exposition included also the computer grade magnetic tapes, made by DRWD, which is the first attempt to break into the present **monopoly** of Western companies.

The second largest exposition was the Hungarian one. One must acknowledge that this country expands its offering every year, and guided by the international trends and its own realistic resources, specializes in small or auxiliary devices. The new product was the **DISCMOM** disc ministorage ( maximum capacity 33 K bits) made by the Budapest firm MOM. This device, in the form of a plug-in module, is intended as an auxiliary memory and mainly for the control and teleprocessing systems. Another interesting item is the cassette tape data preparation station EC - 9006 II.

The designator indicates that this device is included in the JS EMC device list. Another item on this list is the CRT monitor with the keyboard EC - 7168, and the low speed (225/450 cps) paper tape reader EC - 6121-01 ( the Hungarian designation ER 302 and ER-303).

The Hungarian exposition included also the high speed (1000 cps) paper tape reader ER - 1500 with the spoolers ( ES - 1501/ 1502 and EF - 1500 ) and the auxiliary devices like the splicer and manual corrector.

Among the Western expositors one needs to mention two well known firms in our market: WANG ( minicomputers for engineering applications ) and LogaBax ( licensor of matrix printers), which exhibited the newest improvements to their products.

The news was the first appearance in Poland of the well known West German manufacturer of data processing minicomputers KIENZLE. This firm which started as a watch manufacturer, offers a very wide assortment of products, starting with the simple cash registers (KIENZLE 102 K and 103 K ) and keyboard cassette data entry ( Kienzle 1100 and 1200), through the electronic filing system Kienzle 2000 ( demonstrated at the exhibition) and the small data processing computer ( Kienzle 6000 and 6100 ).

The minicomputers for various applications were exhibited by the **here,** **little known** companies DIEHL and RUF from west Germany and UCHIDA from Japan; the latter demonstrating the specialized device for the warehouse station. One should also note the presence of the well known pioneer in magnetic tape data recording, the American firm MDS, announcing the further improvements and development of their data recording systems and the systems for data preprocessing, and their successes in the Soviet market ( several systems in the exploitation).



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Represented also were the manufacturers of the accessory equipment, eg. printout separators (ADRESSOPRESSE), carbonless copy forms (IDEM), and various equipment (ZIPPEL, LAMPERTZ).

We intend to write more detailed article about these latter products, especially that this area is the most neglected here.

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Fig. 4. Movable bookshelves made by the firm ZIPPEL, minimizing the required office space.





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